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PATENT

0033-0651P



IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Eiji SUEMATSU et al. Conf.: 6236

Appl. No.: 09/521,240 Group:

Filed: April 5, 2000 Examiner:

For: MILLIMETER WAVE TRANSMITTER, MILLIMETER  
WAVE RECEIVER AND MILLIMETER WAVE  
COMMUNICATION SYSTEM ENABLING  
SIMPLIFICATION OF WIRING AND  
IMPROVEMENT IN DEGREE OF FREEDOM FOR  
SETTING RECEIVER IN RECEIVING SYSTEM  
FOR TERRESTRIAL BROADCASTING AND  
SATELLITE BROADCASTING

##  
7  
12-20-01  
M3

LETTER TO THE OFFICIAL DRAFTSPERSON

BOX ISSUE FEE

December 17, 2001

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Attached hereto are seventeen (17) sheets of corrected Formal Drawings. Please substitute these corrected drawings for the corresponding seventeen (17) sheets of drawings on file in the above-identified application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee

Appl. No. 09/521,240

required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

  
Terrell C. Birch, #19,382

*RLM*  
TCB/RWD/abs  
0033-0651P

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

ATTACHMENTS

(Rev. 11/09/01)

FIG. 1A

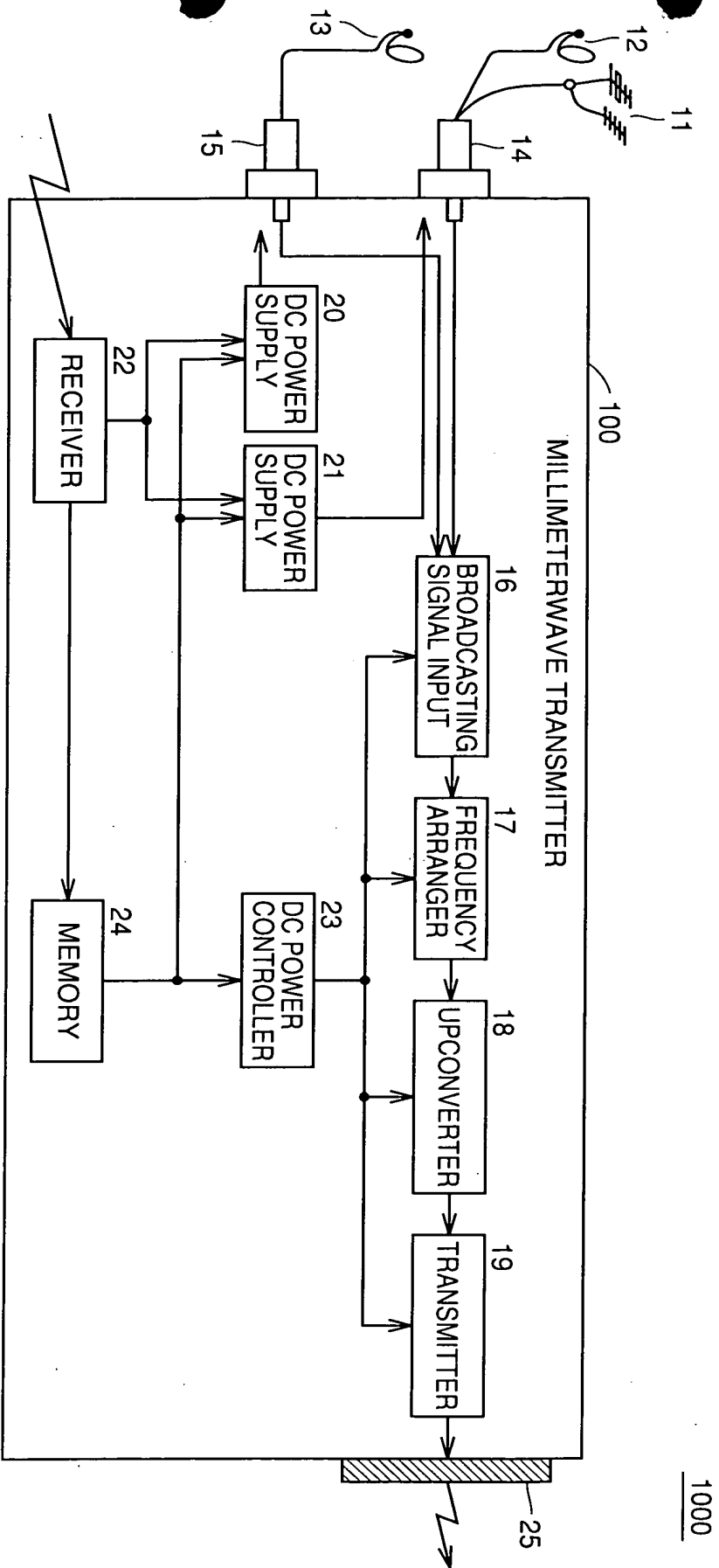


FIG. 1B

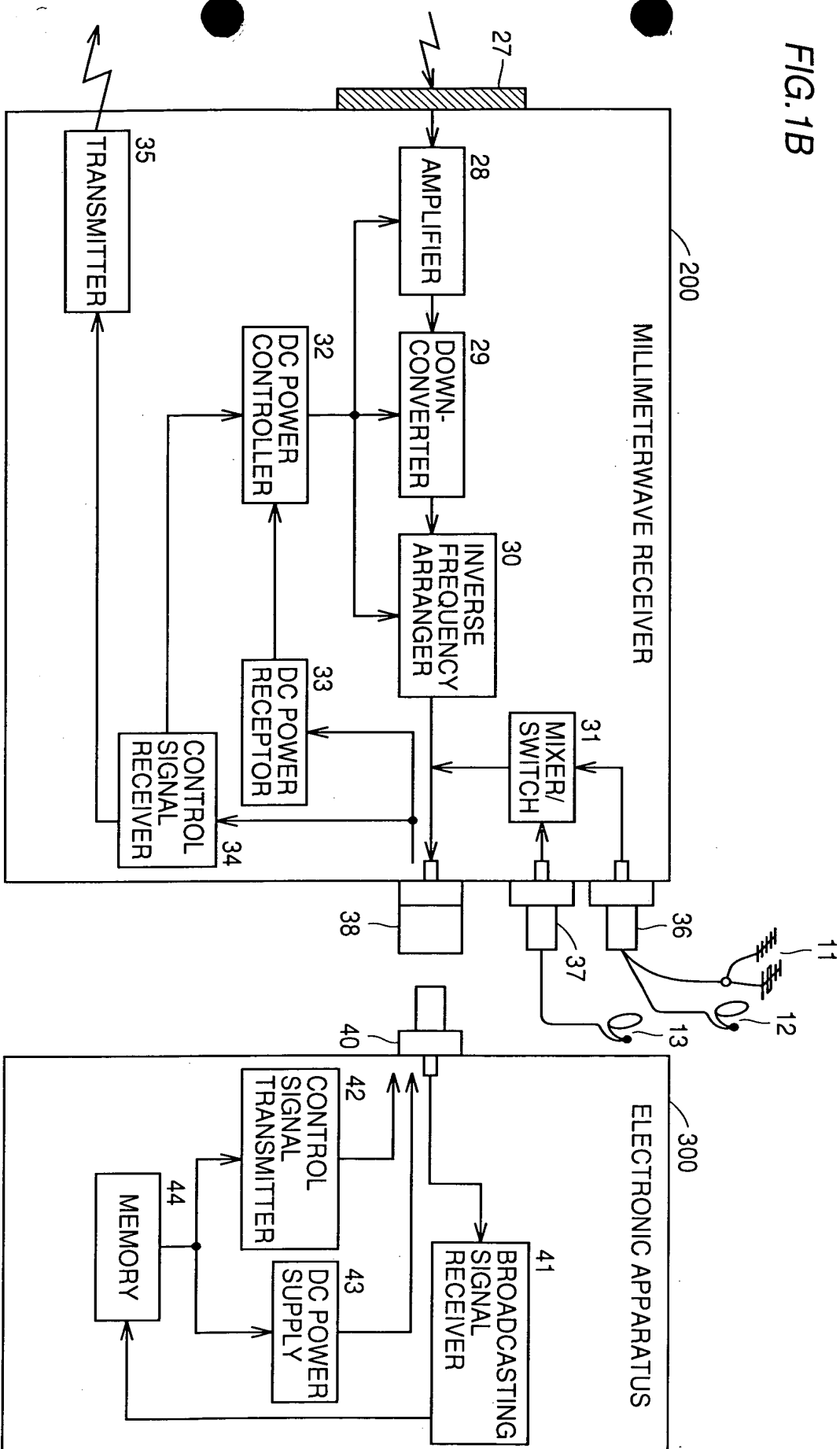
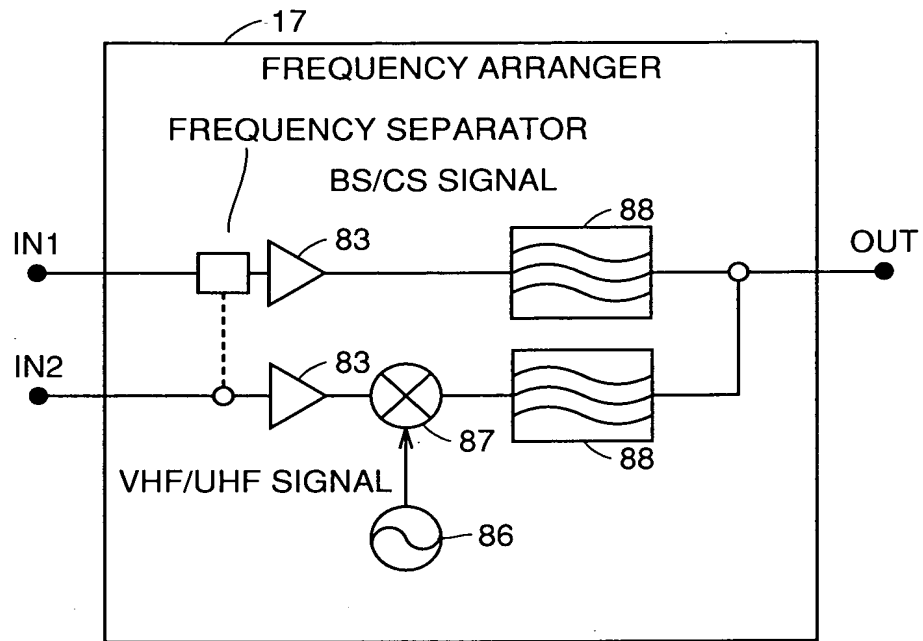
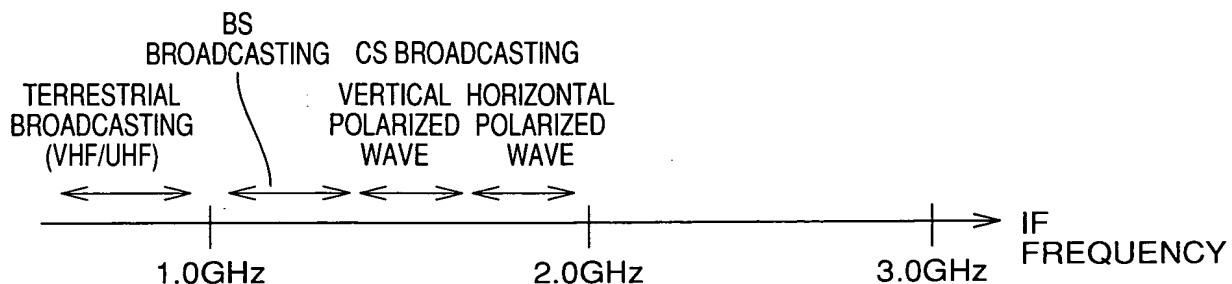


FIG.2



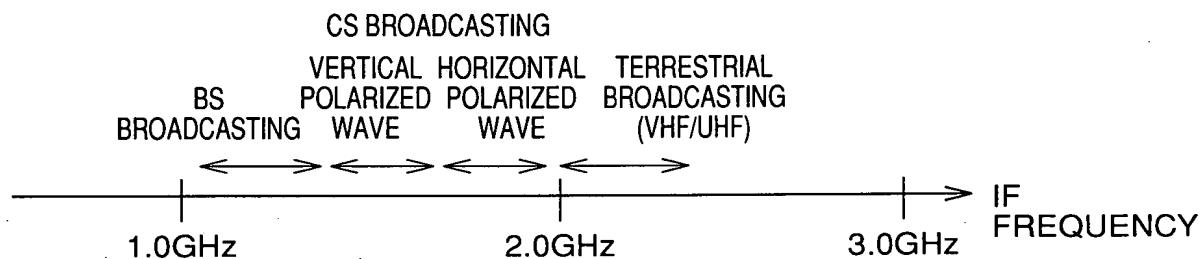
**FIG.3A**

SIGNAL INPUT TO FREQUENCY ARRANGER



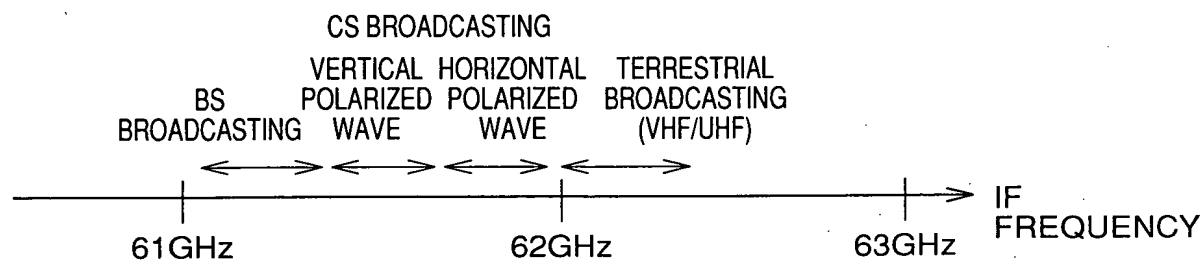
**FIG.3B**

SIGNAL OUTPUT FROM FREQUENCY ARRANGER



**FIG.3C**

SIGNAL OUTPUT FROM MILLIMETERWAVE UPCONVERTER



**FIG.3D**

OUTPUT FROM INVERSE FREQUENCY ARRANGER

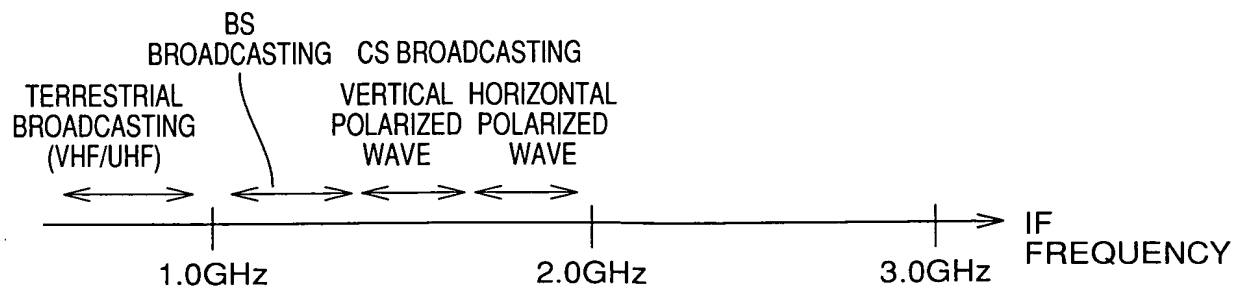


FIG.4

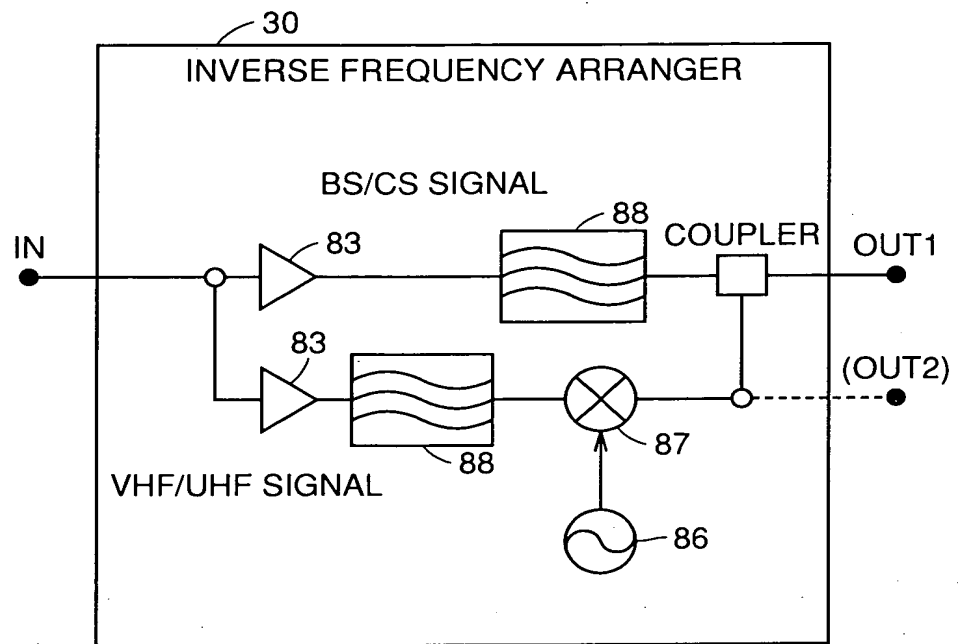


FIG.5

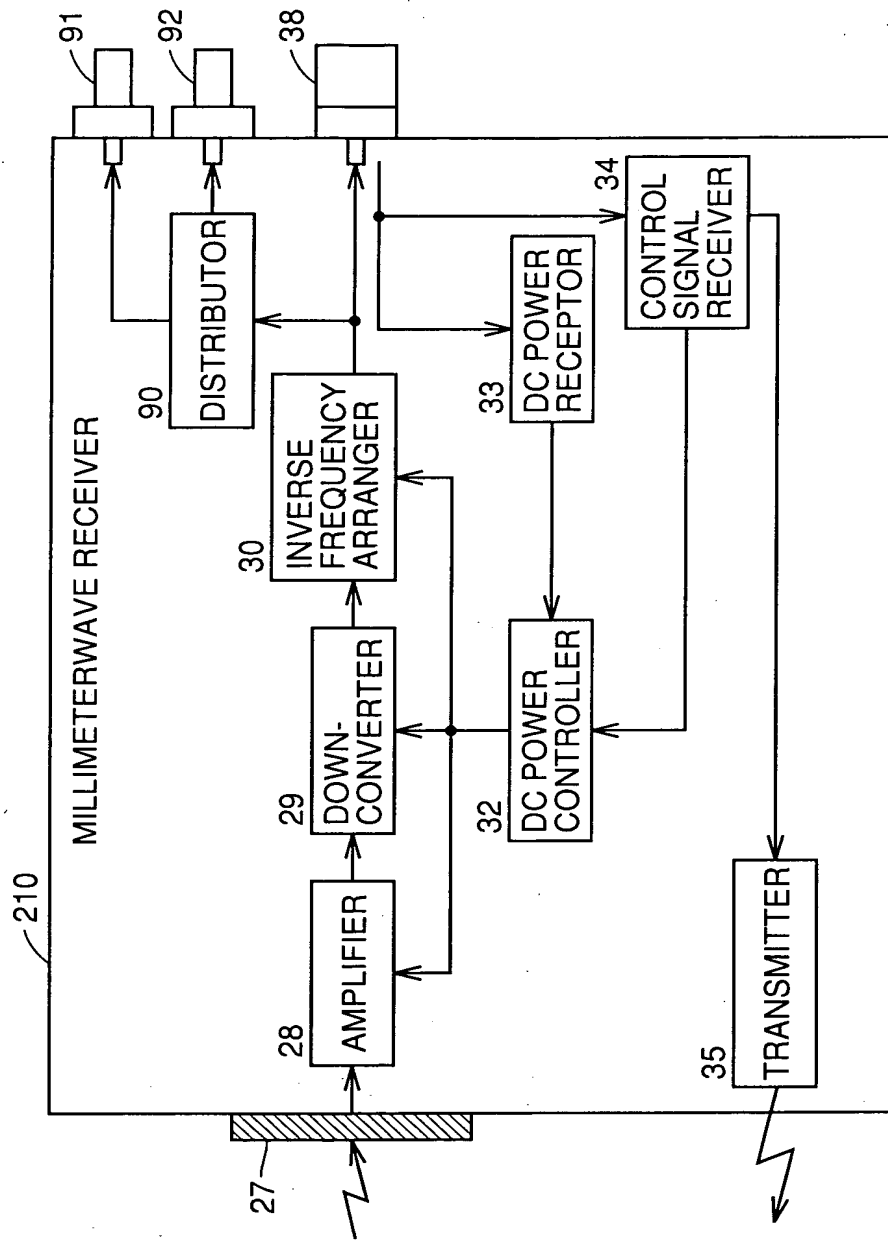




FIG. 6

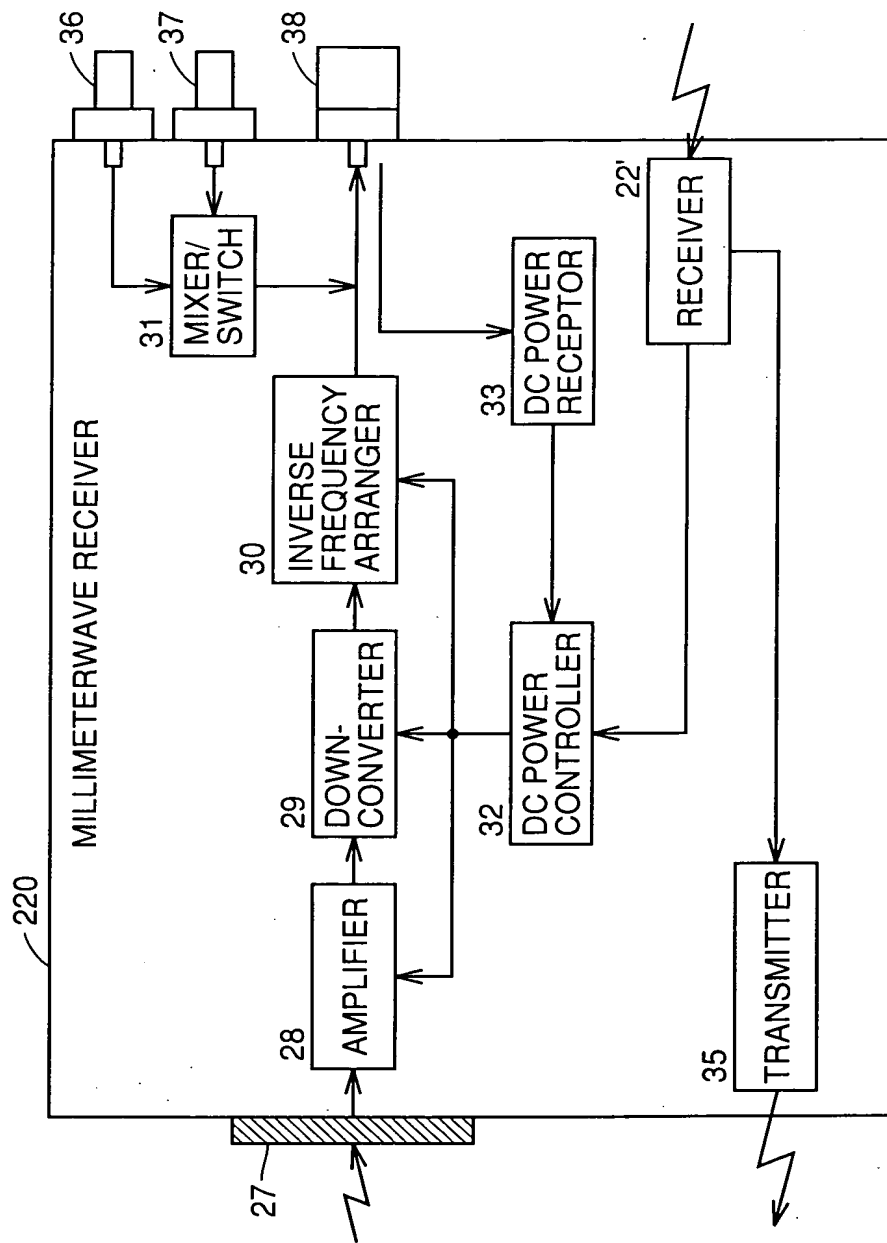


FIG.7

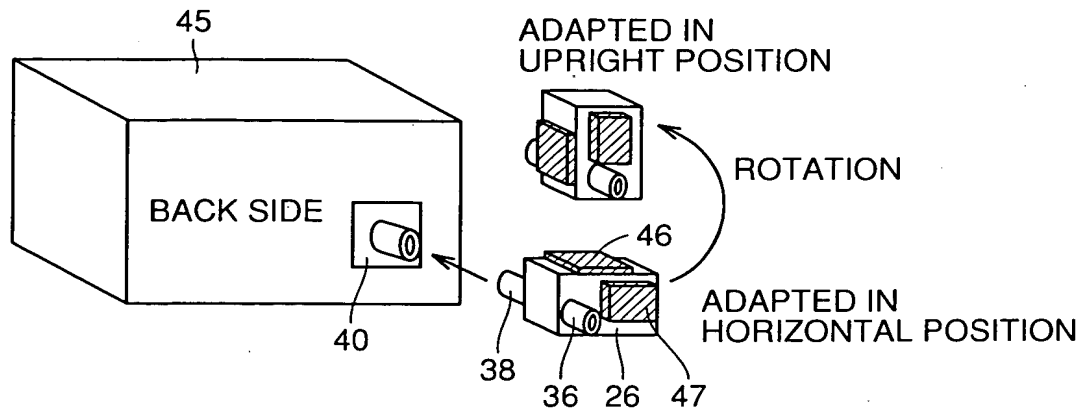


FIG.8

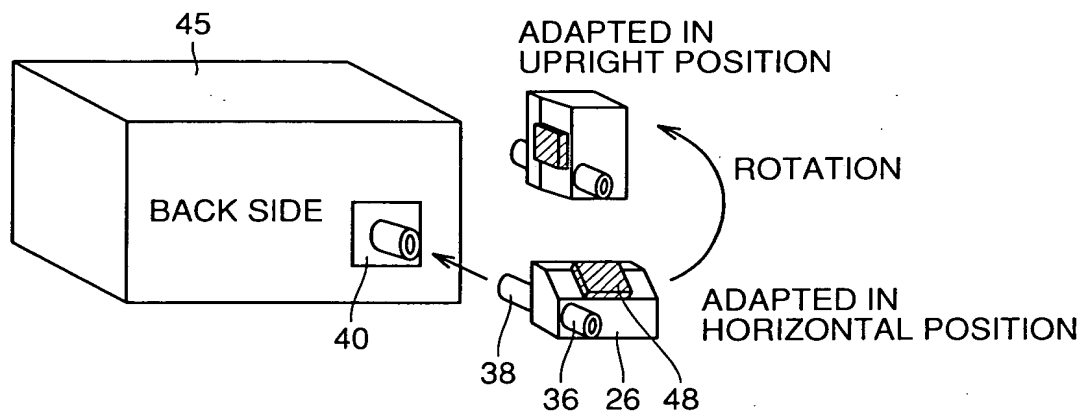


FIG.9

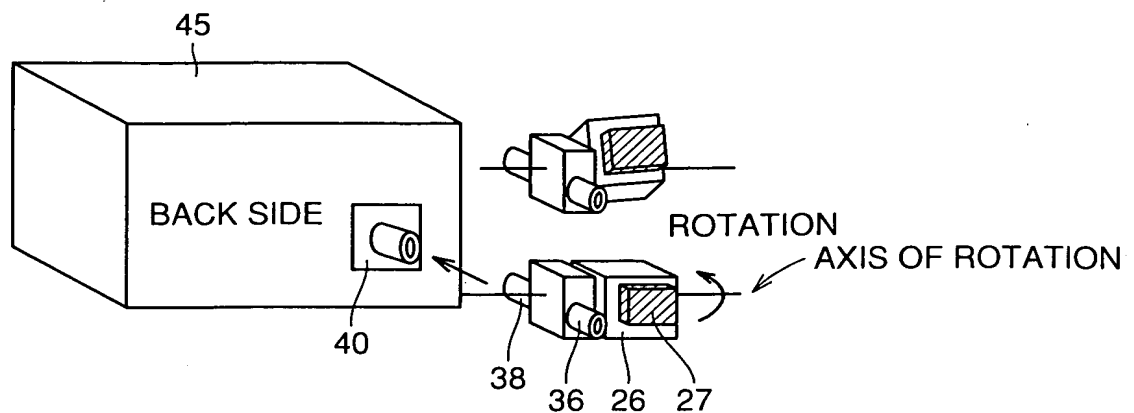


FIG. 10

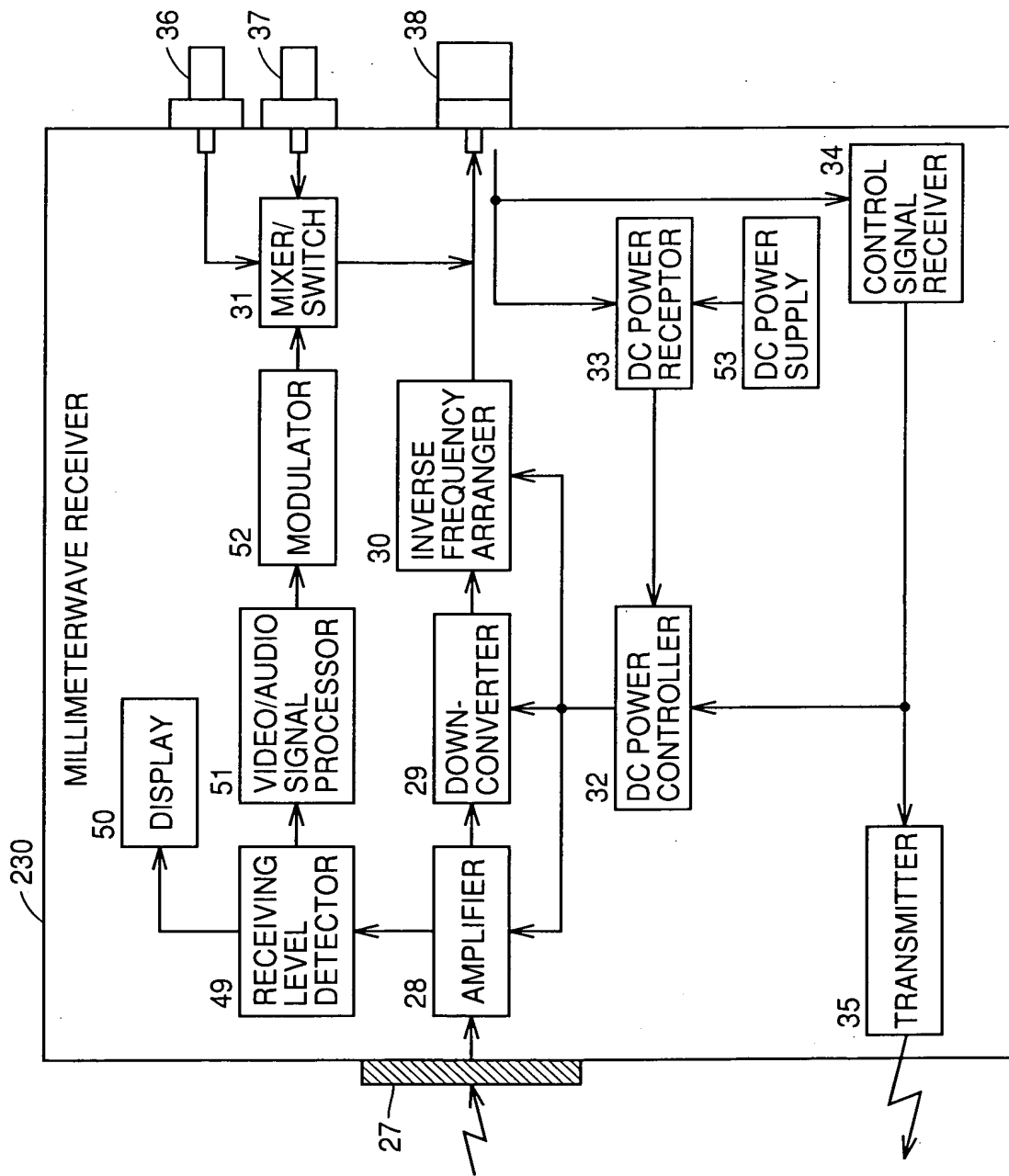
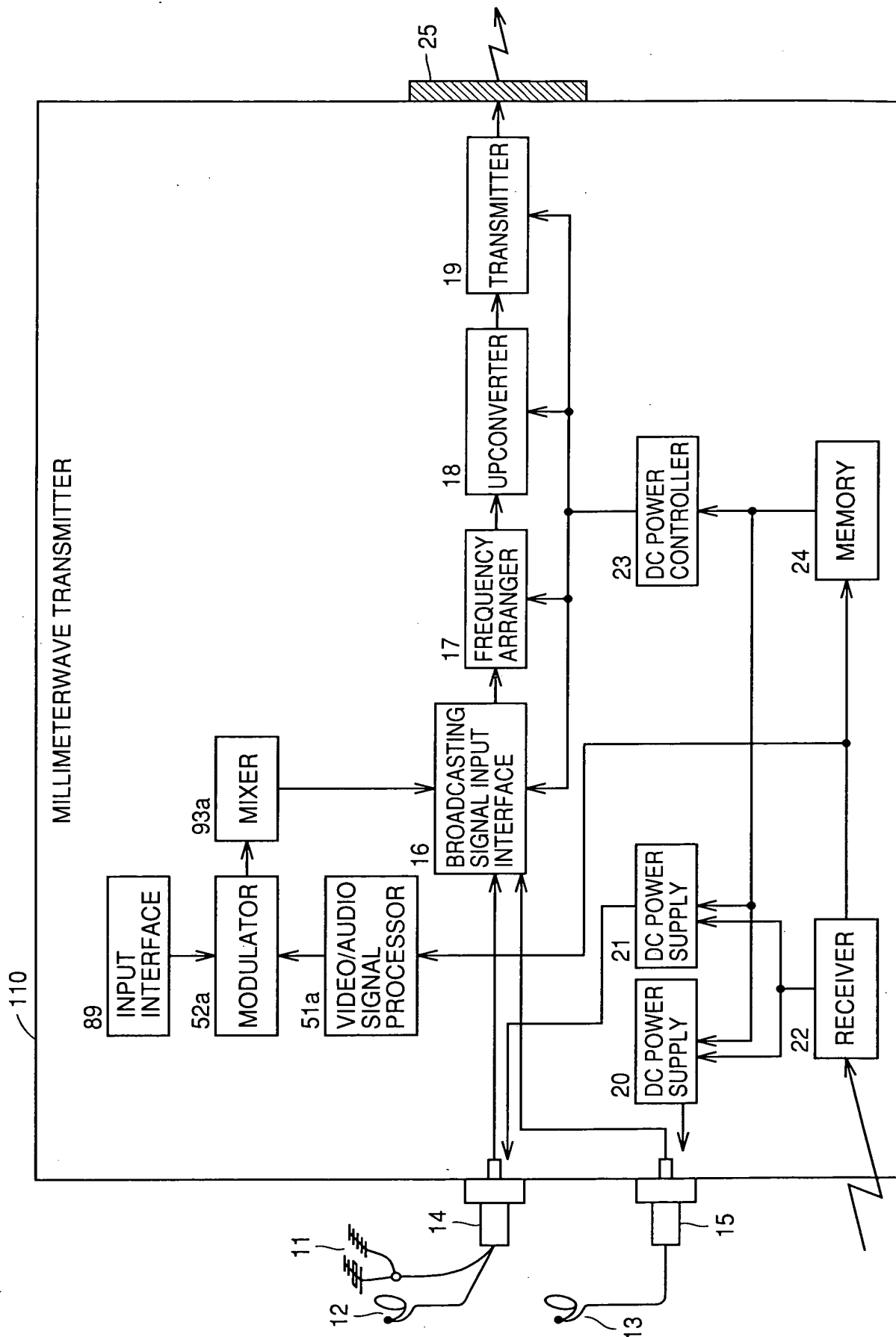


FIG. 11



*FIG.12*

### INFORMATION CHANNEL

NOW,TRANSMITING EACH CHANNEL OF  
CS BROADCASTING.

VTR IS RECORDING CS CHANNEL,  
SO,YOU CANNOT CHANGE TO VHF,UHF,  
BS BROADCASTING TRANSMISSION.

FIG. 13

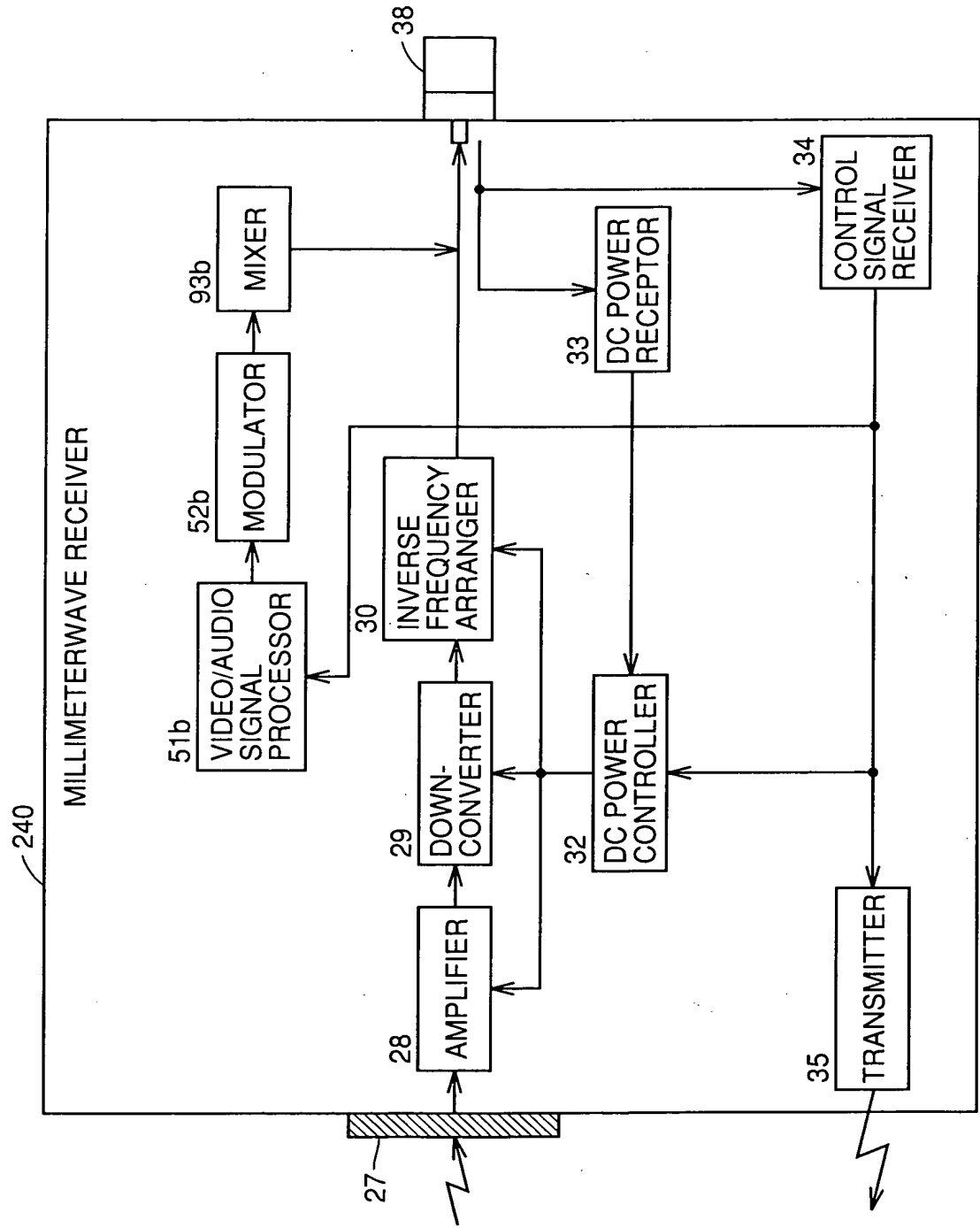


FIG. 14A

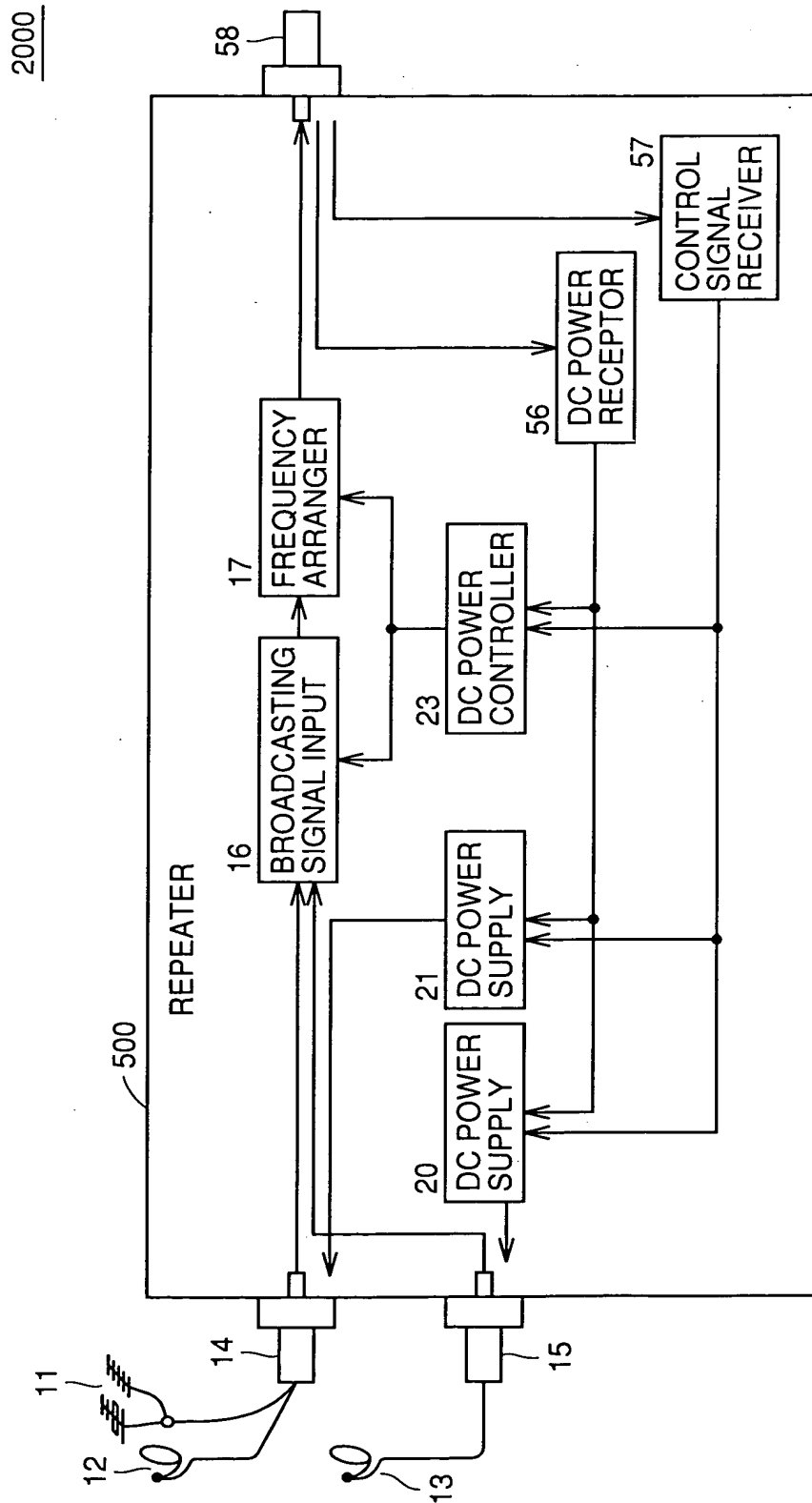


FIG. 14B

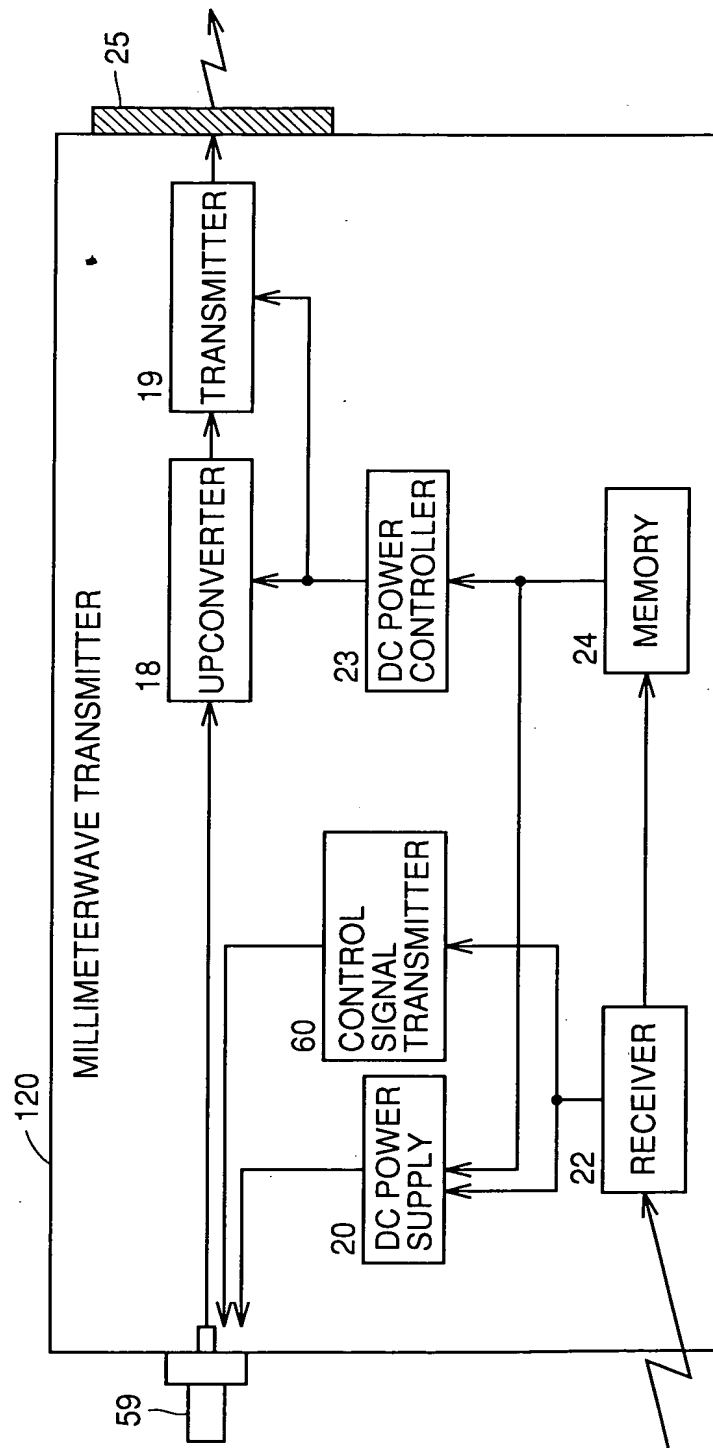




FIG. 15

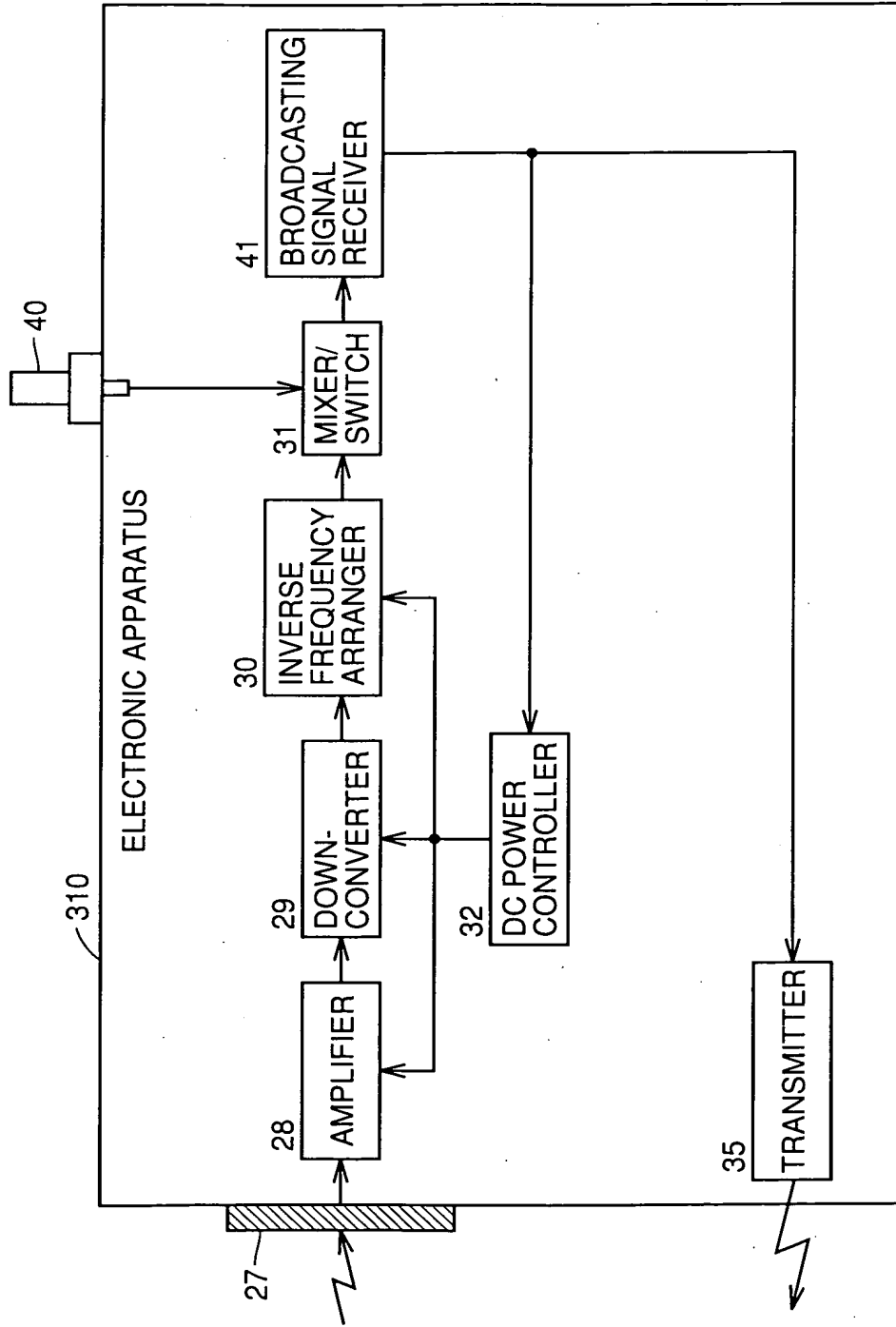


FIG. 16 PRIOR ART

800

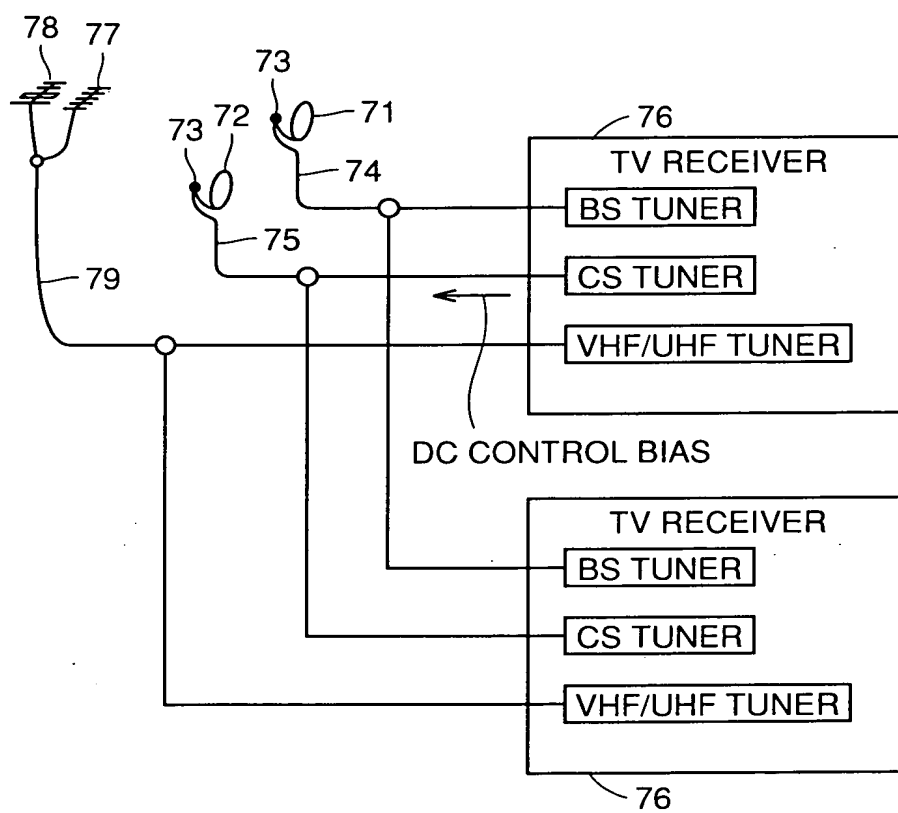


FIG. 17 PRIOR ART

900

